From: Vicuna, Maria T

To: Brian McKee; blanca.barajas@lvvwd.com; Ajit.Apte@constellation.com; amarshall@sfwater.org; aaustin@ouc.com; amanda.bayley@blpc.com; asrivastav@torontoHydro.com; aschintz@mnpower.com; Angela.Hodges@raleighnc.gov; alovitt@gcpud.org; Armando.Bolivar@ladwp.com; august.lindner@oracle.com; barbara_oleck@tempe.gov; bcadis@csu.org; Popers@guc.com; bevan.grice@faypwc.com; billyvon.bautista@gswater.com; brenna.martin@powerstream.ca; brij@constellation.com; cathy.wylie@atco.com; ChantalNault@HydroOttawa.com; charlene.ussery@longbeach.gov; greecl@jea.com; christina.veltkamp@enstarnaturalgas.com; chris.waite@auroraenergy.com.au; christine.martinez@denverwater.org; dailcb@jea.com; clnelson@aglresources.com; clayton.mauldin@santeecooper.com; Basilecd@guc.com; cjames@gcpud.org; rojace@jea.com; damien.beresford@oracle.com; darci.miller@cfunet.net; dduhon@lus.org; dmanvil@gcpud.org; dvogel@lwcky.com; DYeselavage@tep.com; david_garcia@sjwater.com; Jmoore@ouc.com; david.wiedmeier@mdu.com; dfrye@ouc.com; deb.braun@mdu.com; dwalz-burkett@abcwua.org; denise.hutchinson@aps.com; dbatshoun@sfwater.org; Donald.Case@aps.com; donny.crow@oracle.com; DDYSON@sjindustries.com; donna.obrien@mid.org; ess4@pge.com; EMONTA@miamidade.gov; elizabeth.oconnor@constellation.com; epage@torontohydro.com; Flora.chang@ladwp.com; Gabriela.Mendoza@aps.com; gary.jensen@gas-south.com; gayle.shimizu@seattle.gov; gina.calabro@oncor.com; glenn.amy@seattle.gov; glyon@winnipeg.ca; harold.e.hagen@bge.com; HAROLDC@miamidade.gov; hhallett@sfwater.org; heather.warren@cfunet.net; hago@ouc.com; hillary.bargagliotti@oracle.com; hrazzak@torontohydro.com; hung.nguyen@oracle.com; jchamberlain@oppd.com; jratkinson@allete.com; jlynch@duqlight.com; jmayne@Mnpower.com; j2l1@pge.com; jennifer.turner@ergon.com.au; jeremy.marquette@longbeach.gov; jsims@city.jackson.ms.us; garcjj@jea.com; jim.weeg@cfunet.net; jchen@torontohydro.com; jraycraft@enersource.com; John.J.Andreasik@bge.com; littlejc@guc.com; john.sims@enstarnaturalgas.com; jsassano@sjindustries.com; BARRJO@miamidade.gov; joyce.miceli@seattle.gov; judy.miller@kcpl.com; joneal@tep.com; jstewa1@gcpud.org; julien.bellorgey@suez-na.com; pankoek@hillsboroughcounty.org; KXRE@PGE.COM; kent.halder@cfunet.net; Kevin.Boutchard@auroraenergy.com.au; Kevin.Champion@raleighnc.gov; khawer.rauf@peelregion.ca; kpeterson@allete.com; kmfaulkn@gswater.com; kurt.rowley@questar.com; Leslie.Benfield@peelregion.ca; leslie.miller@lvvwd.com; linda.d.beddows@bge.com; lburnett@lwcky.com; lchiasson@lus.org; lholliday@tep.com; lkappenman@allete.com; lisa.martinez@longbeach.gov; lois.stark@kcpl.com; pandit_manoj@hotmail.com; mvizcarra@sfwater.org; mwalker@citywestwater.com.au; maribel.nieves@longbeach.gov; martha.hobson@seattle.gov; mcorby@hrsd.com; mwegner@mge.com; matt.larson@denverwater.org; strimj@jea.com; Melani.Chacon@ladwp.com; mjoseywhite@hrsd.com; mortman@allete.com; michael.moss@oracle.com; mtroia@oppd.com; Michelle_Asaro@tempe.gov; michelle.gilchrist@powerstream.ca; molly.cormaney@cfunet.net; Morlon.D.Bell-Izzard@bge.com; Nikki.Evans@raleighnc.gov; norma.palomera@longbeach.gov; oeverett@lwcky.com; oran.weaver@enstarnaturalgas.com; ohernandez@burbankca.gov; paul.mason@constellation.com; paul.roller@constellation.com; pellison@hrsd.com; pkaragianakos@enersource.com; pmanali@aglresources.com; rajani_kondury@tempe.gov; rprasad@sfwater.org; raminder.singh@peelregion.ca; Randy.Barbee@faypwc.com; Randy.Miller@gswater.com; randy.vance@kcpl.com; ray.anderson@enstarnaturalgas.com; rkelly@artesianwater.com; RSDD@PGE.COM; rj@esc-partners.com; RREES@miamidade.gov; rjones@lus.org; rocampo@celsia.com; Nicholra@guc.com; Robin.Souder@kcpl.com; rlbrown@tep.com; rfennell@duqlight.com; Ryan.Darlow@auroraenergy.com.au; Ryan Pham; sallybarakat@hydroottawa.com; sami.balestri@denverwater.org; SMaganas@citywestwater.com.au; scott.reed@santeecooper.com; snishi@celsia.com; Richard.L.Sickler@bge.com; Stacey.zinyk@atco.com; Stacy.Smith@aps.com; sudumul@aglresources.com; Steve.Rubin@seattle.gov; Steven.Johnson2@constellation.com; sbo1@pge.com; sue.alcantara@longbeach.gov; sskinner-schmudlach@mge.com; Susan.Twardy@aps.com; susan.decker@raleighnc.gov; shamilton@NESPOWER.com; sylvia.welch@smeco.coop; tammy.byrd@cfunet.net; tarja_nummela@tempe.gov; tbetts@tep.com; tkaczmarek@ci.burbank.ca.us; teri.sovak@mdu.com; tina.bekeros@powerstream.ca; tglaser@duqlight.com; tkus@enersource.com; mossbarg@irwd.com; tmorin@lus.org; ttaylor@lwcky.com; tricia_zacharisen@sjwater.com; tremt@jea.com; venkata.nimmala@aps.com; vijay.suravarapu@cfunet.net; wtichbon@torontohydro.com; wgreess@tep.com; william.schmidt@powerstream.ca; yfigueroa@ci.burbank.ca.us

Cc: Charles Lei; Tauseef Iqbal

Subject: RE: Batch Scheduler for CC&B?

Date: Wednesday, May 02, 2018 5:32:54 PM

[External Email - Be careful! DO NOT open attachments or click links from unknown senders or unexpected email.]

Good afternoon,

At El Paso Electric, we use Tidal and it's worked well for us. We've been using it for a little over 8 years. If you have any specific questions about the product, please let me know.

Thank you

From: Brian McKee [mailto:BMcKee@cityofsacramento.org]
Sent: Wednesday, May 02, 2018 4:23 PM
To: blanca.barajas@lvvwd.com; Ajit.Apte@constellation.com; amarshall@sfwater.org; aaustin@ouc.com; amanda.bayley@blpc.com; asrivastav@torontoHydro.com; aschintz@mnpower.com; Angela.Hodges@raleighnc.gov; alovitt@gcpud.org; Armando.Bolivar@ladwp.com; august.lindner@oracle.com; barbara_oleck@tempe.gov; bcadis@csu.org; Popers@guc.com; bevan.grice@faypwc.com; billyvon.bautista@gswater.com; brenna.martin@powerstream.ca; brij@constellation.com; cathy.wylie@atco.com; ChantalNault@HydroOttawa.com; charlene.ussery@longbeach.gov; greecl@jea.com; christina.veltkamp@enstarnaturalgas.com; chris.waite@auroraenergy.com.au; christine.martinez@denverwater.org; dailcb@jea.com; clnelson@aglresources.com; clayton.mauldin@santeecooper.com; Basilecd@guc.com; cjames@gcpud.org; rojace@jea.com; damien.beresford@oracle.com; darci.miller@cfunet.net; dduhon@lus.org; dmanvil@gcpud.org; dvogel@lwcky.com; DYeselavage@tep.com; david_garcia@sjwater.com; Jmoore@ouc.com; david.wiedmeier@mdu.com; dfrye@ouc.com; deb.braun@mdu.com; dwalz-burkett@abcwua.org; denise.hutchinson@aps.com; dbatshoun@sfwater.org; Donald.Case@aps.com; donny.crow@oracle.com; DDYSON@sjindustries.com; donna.obrien@mid.org; ess4@pge.com; EMONTA@miamidade.gov; elizabeth.oconnor@constellation.com; epage@torontohydro.com; Flora.chang@ladwp.com; Gabriela.Mendoza@aps.com; gary.jensen@gas-south.com; gayle.shimizu@seattle.gov; gina.calabro@oncor.com; glenn.amy@seattle.gov; glyon@winnipeg.ca; harold.e.hagen@bge.com; HAROLDC@miamidade.gov; hhallett@sfwater.org; heather.warren@cfunet.net; hago@ouc.com; hillary.bargagliotti@oracle.com; hrazzak@torontohydro.com; hung.nguyen@oracle.com; jchamberlain@oppd.com; jratkinson@allete.com; jlynch@duqlight.com; jmayne@Mnpower.com; j2l1@pge.com; jennifer.turner@ergon.com.au; jeremy.marquette@longbeach.gov; jsims@city.jackson.ms.us; garcjj@jea.com; jim.weeg@cfunet.net; jchen@torontohydro.com; jraycraft@enersource.com; John.J.Andreasik@bge.com; littlejc@guc.com; john.sims@enstarnaturalgas.com; jsassano@sjindustries.com; BARRJO@miamidade.gov; joyce.miceli@seattle.gov; judy.miller@kcpl.com; joneal@tep.com; jstewa1@gcpud.org; julien.bellorgey@suez-na.com; pankoek@hillsboroughcounty.org; KXRE@PGE.COM; kent.halder@cfunet.net; Kevin.Boutchard@auroraenergy.com.au; Kevin.Champion@raleighnc.gov; khawer.rauf@peelregion.ca; kpeterson@allete.com; kmfaulkn@gswater.com; kurt.rowley@questar.com; Leslie.Benfield@peelregion.ca; leslie.miller@lvvwd.com; linda.d.beddows@bge.com; lburnett@lwcky.com; lchiasson@lus.org; lholliday@tep.com; lkappenman@allete.com; lisa.martinez@longbeach.gov; lois.stark@kcpl.com; pandit_manoj@hotmail.com; mvizcarra@sfwater.org; mwalker@citywestwater.com.au; maribel.nieves@longbeach.gov; martha.hobson@seattle.gov; mcorby@hrsd.com; mwegner@mge.com; matt.larson@denverwater.org; strimj@jea.com; Melani.Chacon@ladwp.com; mjoseywhite@hrsd.com; mortman@allete.com; michael.moss@oracle.com; mtroia@oppd.com; Michelle_Asaro@tempe.gov; michelle.gilchrist@powerstream.ca; molly.cormaney@cfunet.net; Morlon.D.Bell-Izzard@bge.com; Nikki.Evans@raleighnc.gov; norma.palomera@longbeach.gov; oeverett@lwcky.com; oran.weaver@enstarnaturalgas.com; ohernandez@burbankca.gov; paul.mason@constellation.com; paul.roller@constellation.com; pellison@hrsd.com; pkaragianakos@enersource.com; pmanali@aglresources.com; rajani_kondury@tempe.gov;

rprasad@sfwater.org; raminder.singh@peelregion.ca; Randy.Barbee@faypwc.com; Randy.Miller@gswater.com; randy.vance@kcpl.com; ray.anderson@enstarnaturalgas.com; rkelly@artesianwater.com; RSDD@PGE.COM; rj@esc-partners.com; RREES@miamidade.gov; rjones@lus.org; rocampo@celsia.com; Nicholra@guc.com; Robin.Souder@kcpl.com; rlbrown@tep.com; rfennell@duqlight.com; Ryan.Darlow@auroraenergy.com.au; Ryan Pham <rpham@cityofsacramento.org>; sallybarakat@hydroottawa.com; sami.balestri@denverwater.org; SMaganas@citywestwater.com.au; scott.reed@santeecooper.com; snishi@celsia.com; Richard.L.Sickler@bge.com; Stacey.zinyk@atco.com; Stacy.Smith@aps.com; sudumul@aglresources.com; Steve.Rubin@seattle.gov; Steven.Johnson2@constellation.com; sbo1@pge.com; sue.alcantara@longbeach.gov; sskinner-schmudlach@mge.com; Susan.Twardy@aps.com; susan.decker@raleighnc.gov; shamilton@NESPOWER.com; sylvia.welch@smeco.coop; tammy.byrd@cfunet.net; tarja_nummela@tempe.gov; tbetts@tep.com; tkaczmarek@ci.burbank.ca.us; teri.sovak@mdu.com; Vicuna, Maria T <terry.vicuna@epelectric.com>; tina.bekeros@powerstream.ca; tglaser@duqlight.com; tkus@enersource.com; mossbarg@irwd.com; tmorin@lus.org; ttaylor@lwcky.com; tricia_zacharisen@sjwater.com; tremt@jea.com; venkata.nimmala@aps.com; vijay.suravarapu@cfunet.net; wtichbon@torontohydro.com; wgreess@tep.com; william.schmidt@powerstream.ca; yfigueroa@ci.burbank.ca.us
Cc: Charles Lei <CLei@cityofsacramento.org>; Tauseef Iqbal <Tauseef.Iqbal@ey.com>
Subject: Batch Scheduler for CC&B?

Hello everyone. I'm the IT Manager for the City of Sacramento, working on a CC&B install for our Department of Utilities. I thought I would reach out to this group and solicit some information concerning what tool you use for scheduling your batch jobs. We knew that CC&B has its own capabilities but they appear limited for our needs. We've been asking vendors to respond to our request for quotes, but the few that have answered have been ridiculously expensive! I was hoping that you could let me know what you use for your batch process scheduling (UC4, OpCon, Tidal, etc.), and if you are happy with the performance. Thanks very much for your cooperation and I look forward to hearing back from you!

Brian McKee
IT Manager, City of Sacramento
916.808.7907